18t QUARTER RESURVEY REPORT OF SUBSIDENCE SURVEY JACKPILE MINE LAGUNA, NEW MEXICO

Confidential Claim Retracted

Authorized by: 5

Date: <u>4/84/13</u>

PREPARED BY MARMON ENGINEERING SURVEYS

Laguna, New Mexico April 1, 1976

9404479

POL-EPA01-0006504

April 1st resurvey of subsidence stations, Jackpile Mine, Laguma, NM Survey performed March 28 - April 1st, 1976.

Station	Northing	Easting	Delta initial survey N E
1N	1001855.830	990225.745	+.022 +.025
2N .	1001877.362	990128.158	021055
3N	1001898.978	990030.597	017021
4N	1001921.705	989933.285	016046
5N	1001941.962	989835.628	+.013025
6N	1001963.575	989738.023	+.008 +.006
7N	1001985.035	989640.816	013001
8N	1002006.571	989543.210	003005
9N .	1002029.757	989446.046	015 +.066
10N	1002057.899	989350.333	005000
115	1001911.958	989317.553	+.029009
125	1001883.654	989413.313	+.002000
138	1001860.540	989510.563	+.023006
145	1001838.959	989608.146	005010
15S	1001817.437	989705.580	025001
168	1001795.947	989803.039	+.042024
17S	1001774.513	989900.562	+.050034
185	1001752.884	989998.147	031036
19 S	1001731.369	990095.593	+.022061
2 0S	1001709.822	990193.207	+.005016

page 1

a		*1 . 4	Delta initi	•
Station	Northing	Easting	N	Е
21E	1002413.879	988801.646	036	+.014
22E	1002488.090	988735.153	+.021	018
23E	1002567.993	988675.094	+.019	012
24E	1002651.972	988621.003	011	022
25E	1002739.826	988573.331	006	+.012
26E	1002831.036	988532.232	+.014	+.017
27E	1002925.992	988498.689	+.024	016
28W	1002820.788	988322.286	+.044	012
2 9W	1002727.701	988358.830	+.029	+.010
30W	1002637.296	988401.339	+.025	003
31W	1002549.649	988449.415	+.003	009
32W	1002465.376	988503.123	000	009
33W	1002384.672	988562.123	009	015
34W	1002307.984	988626.172	+.018	003

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LEVEL NET

Station	Elevation	Delta initial survey	
1N	6281.596	015	
2N	6288.533	017	
· 3N	6293.574	023	
4N	6303.752	027	
. 5N	6315.654	025	
6N	6313.801	016	
7N	6325.256	018	
8N	6333.108	009	
9N	6346.801	006	
10N	6356.407	012	
118	6364.238	006	
128	6355.783	007	
13S	6349.484	003	
148	6349.060	006	
15 S	6329.379	003	
168	6319.276	003	•
17 S	6317.523	+.001	
185	6311.187	001	
19S	6303.917	007	
2 0S	6297.425	011	
21E	6374.522	030	•
22E	6374.390	021	
23E	6370.070	027	
24E	6372.254	024	
· 25E	6375.038	026	
26E	6375.330	014	
27E	6362.628	040	
28W	6382.054	002	
29W	6389.711	+.004	
30W	6396.274	+.001	
31W	6390.168	+.002	
32W	6396.570	+.006	
33W	6397.536	+.005	
34W	6395.115	+.001	page 3
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CERTIFICATION

This is to certify that the data contained within this report was derived from actual field surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Fis D. Mumon

Fred D. Marmon, Registered Land Surveyor, Certificate No. 2031

April 1st, 1976

	7-11-74
State of Hew Mexico	FCL
Environmental Improvement Agency BACTERIOLOGICAL	-WATER REPORTING
	Z) EAL PAI
	11/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1
TOWN CACK PKS MINESITE CODE COUNTY /ALSIVENSO 32	Date Received Lab No.
Date Collected 2 - 11 - 7 6 Collected By PAT FITC #	RESULTS OF TISTS ON COLIFORM GROUP
Location No Chiorinated YES NO Residual	Presimption Confirmed Completed
Collection Point March 115 Add Acad DA Ca gr	Volume Hours Hours Hours Hours
PUBLIC SEMI-PUBLIC PRIVATE A SWIMMING POOL W.P.C. SPECIAL	10 ml.
Stream/Lake Name	- 10 mi.
Sewage/Industrial Plant Name	10 mt.
LITTLE COLORADO D OTHER	10 mi.
SANITARY SURVEY COMPLETED- YES - NO -	CONFORMS DOES NOT CONFORM D
CHECK TEST REQUIRED: POTABILITY; COLIFORM GROUP, MEMBRANE FILTER A STANDARD PLATE COUNT D FECAL COLIFORM D FECAL STREPTOCOCCI	WITH DRINKING WATER STANDARDS
Re-Sample No Other	Collorm Colonles (MF) /100 ML.
	Fecal Collform (MF)/100 ML.
SEND REPORT TO THE FOLLOWING (NAME & ADDRESS)	Fecal Streptococci (MF)/100 ML.
T.R.BECK, MANAGER	Other
THE delication Co	1 10
THE ANACONDA CO	Date Reported
GRANTS N. M. 87020	
The second secon	RECEIVED
State of New Hexico should show who Emurenmental Improvement Agency collected them BACTERIOLOGICAL	7-9-764201 WATER RENGET 173
	EAL LUX
1 [7] [EFL CULT DAIR BROWNE / FOR NO. FELL TO COLIFCTIM GROUP
Town Jackpile Minesite,cour. Valenciacode 32W Date Collected 2 - 2 - 76 Collected By Fat Fitch Location No Children Ves CI NO 10 Hesiquel	Presumption Continued Completed
Town Jackpile Minesitecour. Valenciacode 32W Date Collected 2 - 2 - 76 Collected By Fat Fitch Location No Children VES IN NO ME Hesiqual Owner of System The Anaconda Company pH Collection Point Jackpile New Shop	EFL CULT DAIR BROWNE / FOR NO. FELL TO COLIFCTIM GROUP
Town Jackpile Minesitecour. Walenciacode 32W Date Collected 2 - 2 - 76 Collected By Par Fitch Location No Chiprinated YES IN NO ME Hesiquel Owner of System The Anaconda Companyph	RESULTS OF TSS FOR CONTINUED COMPUTED CONTINUED CONTINUED COMPUTED COMPUTED CONTINUED
Town Jackpile Minesite	RESULTS OF TSS FOR CONTINUED Presumption Confurmed Completed Volume Hours Hours Hours 10 ml. 10 ml.
Town Jackpile Minesite	RESULTS OF TSS FOR CONTINUED COMPUTED CONTINUED CONTINUED COMPUTED COMPUTED CONTINUED
Town Jackpile Minesite	Presumption Confurmed Completed Volume Hours Hours Hours 10 ml. 10 ml. 10 ml. 10 ml. 10 ml.
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Town Jackpile Minesite,	DAIR BROWNED TO STATE OF THE ST
Town Jackpile Minesite. Cour. Valenciacode 32W Date Collected 2 - 2 - 76 Collected By Fat Fitch Location No. Chidrinated YES NOW Hesiqual Owner of System The Anaconda Company. PUBLIC SEMI-PUBLIC PRIVATER SWIMMING POOL W.P.C. SPECIAL Stream/Lake Name Sewage/Industrial Plant Name River Basin: RIO GRANDE X PECOS SAN JUAN GILA CANADIAN SANITARY SURVEY COMPLETED— YES NO CHECK TEST REQUIRED: POTABILITY; COLIFORM GALCUP, MEMBRANE FILTER X	Presumption Confurned Completed Volume Hours Hours Hours Hours 10 ml.
Town Jackpile Minesite	DAIR BACAPUTE / SAINO. PESULTS OF TST. FOR COLLECTIM GROUP Presumption Confurined Completed 24 48 24 48 Volume Hours Hours Hours 10 ml. 10 ml. 10 ml. 10 ml. 10 ml. Standard Plate Count, 35°C/ML. Fecal Collform (MF)/100 ML.
Town Jackpile Minesite	DAIR BACAPUS J. 5.75 DAIR BACAPUS J. 5.75 DAIR BACAPUS J. 5.75 Presumption Confurmed Completed 24 48 24 48 Volume Hours Hours Hours 10 ml. 10 ml. 10 ml. 10 ml. 10 ml. CONFORMS D DOES NOT CONFORM WITH DRINKING WATER STANDARDS Coliform Colonies (MF) /100 ML. Standard Plate Count, 35°C /ML. Fecal Collform (MF) /100 ML.
Town Jackpile Minesite	DAIR BACAPUTE / SAINO. PESULTS OF TST. FOR COLLECTIM GROUP Presumption Confurined Completed 24 48 24 48 Volume Hours Hours Hours 10 ml. 10 ml. 10 ml. 10 ml. 10 ml. Standard Plate Count, 35°C/ML. Fecal Collform (MF)/100 ML.
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Please give full information to avoid delay in report.
 Type or print with pencil or ball point pen.
 See back of first copy for important information.
 No sample shall be accepted until a sunitary survey by a representative of the Environmental Improvement Agency has been made and such sampling authorized.

Grants, New Mexico

EIA 005 Form Issued 11/73 (Replaces LAB 005)

(over

THE ANACONDA COMPANY WATER ANALYSIS

	DESCRIPTION	Date	Cl ppm	SO ₄ ppm	NO3	, Na ppm	Cond umhos	pН	U-Nat pCi/l	Ra-226 pCi/l	Th-230 pCi/l
Ţē	ackpile P-10 Well	2-5	24	539	2	470	1600	8.1	1.5	0.2	1.0
Ţā	ackpile New Shop Well	2-5	28	613	1	515	1500	8.1	1.4	1.0	1.5
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CONFIDENTIAL————————————————————————————————————											

WATER PUMPED

	<u>Gallons</u>
P-10 Well	2,400,000
New Shop Well	270,000
P-10 Mine	3,600,000